

MINISTRY OF HEALTH OF UKRAINE
ODESSA NATIONAL MEDICAL UNIVERSITY

Faculty: medical

(faculty name)

Department of pediatrics №1

(name of department)

APPROVE

Acting pro-rector for scientific and educational work

prof.  Svitlana KOTIUZHYNska

" " 2022 y

**METHODICAL RECOMMENDATION OF THE SEMINAR LESSON
FROM THE SELECTIVE EDUCATIONAL DISCIPLINE**

Faculty medical, course 6 _____

Selective educational discipline "Principles of polyclinic observation of a healthy and sick child"

(name of academic discipline)

Seminar class № 1 Topic: Assessment of physical and neuropsychological development.

(topic title) _____

Approve:

Meeting of the Department of Pediatrics №1 _____

Odessa national medical university

Protocol № 1 of " 29 " 08 2022 y .

Head of the department  (Mykola ARYAYEV)

(signature)

(name, surname)

Developers:

Prof. Mykola ARYAYEV as. Diana SELIMKHANOVA. . as. Victoria
PAVLOVA. _____

*Note.*In the case of publication of methodological developments as an independent printed work, the academic council of the faculty provides a recommendation for publication in the presence of two reviews, one of which is external — from a reviewer of another institution of higher education.

Seminar class № __1__

Topic: Assessment of physical and neuropsychological development.

Purpose: To deepen knowledge and master the skills of assessing the physical development of newborn children, obtained in the course of studying the subject; promoting the development of creative thinking. The ability to logically express and argue one's thoughts, to listen to each other, to criticize productively.

Basic concepts: Physical development, neuropsychological development. Sigma and centile nomograms.

Equipment: child's mannequin, centimeter tape, height meter, scales.

Study time: 2 hours.

Plan

I. Organizational moment (greetings, checking the audience, the message of the topic, the purpose of the lesson, the motivation of applicants to study the topic).

II. Control of basic knowledge (frontal survey on basic terminology)

Questions to check basic knowledge on the topic of the seminar:

1. Physical development of children of different ages
2. Work with sigma and centile nomograms
3. Neuropsychological development of children of different ages

III. Discussion of theoretical issues:

1. Mastering the skills of assessing physical development according to sigmoid nomograms (gender, height for age, body weight for age, body mass index for age, body weight for height).
2. Mastering the skills of assessing physical development according to centile nomograms.
3. Indicators of neuropsychological development according to age.

Discussion of theoretical issues can take place in the form of role-playing, answers to questions, debates, discussions, presentations with reports, abstracts, discussion of reports and abstracts, review of applicant answers, etc.)

Themes of role play/reports/abstracts

1. Rules for assessing physical development according to sigma and centile nomograms (gender, height for age, body weight for age, body mass index for age, body weight for height) (report, discussion, discussion of reports and review of applicant answers).

2. Assessment of physical development according to sigma and centile nomograms (role play)

3. Indicators of neuropsychological development according to age (report, discussion, discussion of reports and review of applicant answers).

4. Assessment of neuropsychological development according to age (role play).

When preparing a report, role-play, essay, analytical review, etc., applicants can, along with this, prepare didactic visual aids in the form of tables, code diagrams, slides, drawings, portraits of famous specialists, preparations, etc.).

IV. Summing up

List of recommended reading

1. Nelson Textbook of Pediatrics / R. M. Kliegman [et al.] ; ed. R. E. Behrman. - 21th ed. - Edinburgh [etc.] : Elsevier, 2020. - Vol. 1. – LXXV.

2. Nelson Textbook of Pediatrics [Text] / R. M. Kliegman [et al.] ; ed. R. E. Behrman. - 21th ed. - Edinburgh [etc.] : Elsevier, 2020. - Vol. 2. - LXXV.

Additionally

1 Handbook IMCI Integrated Management of Childhood Illness Paperback – May 1, 2006 by World Health Organization (Author)

2. <https://www.who.int/tools/child-growth-standards/standards>